

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

REVISED VERSION

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
13 January 2005 (13.01.2005)

PCT

(10) International Publication Number
WO 2005/002880 A1

- (51) International Patent Classification⁷: B42D 15/10. (72) Inventors; and
B44F 1/12
- (75) Inventors/Applicants (*for US only*): MCCARTHY, Lawrence, David [AU/AU]; 13 Wren Drive, Noble Park North, VIC 3174 (AU). SWIEGERS, Gerhard, Frederick [AU/AU]; 17 Delacombe Drive, Vermont South, VIC 3133 (AU).
- (21) International Application Number: PCT/AU2004/000915
- (22) International Filing Date: 7 July 2004 (07.07.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
2003903501 7 July 2003 (07.07.2003) AU
2003905861 24 October 2003 (24.10.2003) AU
- (74) Agent: GRIFFITH HACK; 509 St Kilda Road, Melbourne, VIC 3004 (AU).
- (81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (71) Applicant (*for all designated States except US*): COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION [AU/AU]; Limestone Avenue, Campbell, ACT 2612 (AU).

[Continued on next page]

(54) Title: METHOD OF ENCODING A LATENT IMAGE



(57) Abstract: There is disclosed a method of encoding a latent image. The method comprises providing a latent image to be encoded, the latent image having a plurality of latent image elements, each latent image element having a visual characteristic which takes one of a predetermined set of values, providing a secondary pattern having a plurality of secondary image elements, the secondary pattern being capable of decoding the latent image once the latent image has been encoded, relating the latent image elements to the secondary image elements, and forming a primary pattern comprising a plurality of primary image elements which correspond to the secondary image elements displaced in accordance with the value of the visual characteristic of the latent image elements to which said secondary image elements are related.

BEST AVAILABLE COPY

WO 2005/002880 A1



(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

(88) Date of publication of the revised international search report: 17 March 2005

(15) Information about Correction:

see PCT Gazette No. 11/2005 of 17 March 2005, Section II

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

BEST AVAILABLE COPY